

Snowdonia National Park

Forecast valid from 00:00 on Wednesday 23 Dec 2020 until 23:59 on Thursday 24 Dec 2020

Forecast Issued on Tuesday 22 Dec 2020 at 13:18

Confidence: Medium for Wednesday due to uncertainty in positioning of heavy rain and cold air seeping in from north. High for more settled, colder conditions Thursday and into Christmas Day, but lower confidence for how quickly rain and cloud spreads from west on 25th.

Headline for Wednesday 23 Dec 2020: Murky and wet in morning with heavy rain and summit snow over northern ranges spreading southwards in afternoon, though becoming more showery before clearing in the evening. Windy and cold at height.

Mountain weather hazards on Wednesday 23 Dec 2020

Blizzards
Medium Likelihood

Heavy Snow
High Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
High Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy snow	Light snow	Light snow
Precipitation probability							
60%	60%	60%	90%	80%	80%	70%	50%

Forecast for Wednesday 23 Dec 2020

Weather: Cloudy with light and patchy rain overnight, but with extensive hill fog and still likely some snow above 700m over more northern ranges. Rain and summit snow in north turning heavier and more prolonged in the morning, then easing southwards in the afternoon, but becoming more showery, though turning to snow above 600m over all parts with blizzard conditions over the tops at times. Rain and summit snow will gradually clear in the evening with some clear spells towards midnight but also the risk of the odd wintry shower

Chance of cloud free mountain/hill tops above 800m: Almost nil with extensive cloud down to low levels, though chance improving to between 50 and 70% in evening as clouds lift and begin to break up.

Visibility: Moderate or poor, but often very poor at height in cloud and especially in snow, with blizzard conditions at times. Becoming mostly good through the evening.

Forecast for Wednesday 23 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	20/27 E	22/30 E	26/33 E	30/39 E	39/50 NE	44/57 NE	41/54 NE	38/49 NE	34/45 N
600	18/27 E	18/28 E	21/31 E	22/34 E	23/34 NE	31/44 NE	32/45 NE	28/40 N	27/38 N
300	15/26 E	15/27 E	18/31 E	20/35 E	18/32 NE	21/38 NE	20/37 NE	19/35 N	18/33 N
Valley	15/26 E	16/28 E	19/32 E	20/36 E	19/33 NE	21/38 NE	21/37 NE	20/37 N	19/34 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-6	0/-7	0/-7	-0/-8	-1/-10	-1/-11	-1/-10	-1/-10	-1/-10
600	2/-3	3/-3	2/-4	2/-5	1/-6	1/-7	1/-6	2/-6	1/-6
300	4/-1	4/-0	4/-1	4/-2	4/-2	3/-2	4/-2	4/-1	3/-2
Valley	5/1	5/1	5/0	5/-0	5/-0	5/-1	5/0	6/0	5/0
Freezing Level*	1400m	1600m	1600m	1300m	900m	700m	800m	800m	700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A generally poor day for being out, with heavy rain and hill snow at times and lots of hill fog and a severe chill over the tops with blizzard conditions at times.

Forecast for Thursday 24 Dec 2020

Weather: Some clear spells overnight but also a few wintry showers, but most of the day will be dry with variable, amounts of cloud and a good deal of sunshine, but feeling very cold with a severe chill on the tops.

Maximum wind: Northerly 25-35 gust 45mph, perhaps 45 gust 60mph over more exposed tops

Chance of cloud free mountain/hill tops above 800m: 50-70% overnight, with occasional cloud down to 500m, but 80% through the day with well scattered cloud over the summits.

Visibility: Mostly very good, but some reductions in showers.

Temperature: **Valleys:** Plus 1 but minus 1 C in shelter, rising to plus 4 C by day
At 800m: Minus 1 C falling to minus 5 or minus 6 C
Freezing level: 600m falling to 300m

Ground Conditions Supplement

Please see - <https://www.eryri.llyw.cymru/visiting/walking/ground-conditions>

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